

GenCore version 4.5  
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OM nucleic acid nucleic search, using SW model

Run on: November 2, 1999, 03:31:11 ; Search time 33.69 Seconds  
(without alignments)

64,853 Million cell updates/sec

Title: US-08-978-217-13

Perfect score: 21  
Sequence: 1 CCGGACATCCTCATCCACC 21

Scoring table: IDENTITY\_NUC

Searched: 192659 seqs, 52021692 residues

Database: Issued\_Patents\_NA:\*

1: /cgn2\_6/ptodata/1/ina/5A.COMB.seq:\*\n2: /cgn2\_6/ptodata/1/ina/5B.COMB.seq:\*\n3: /cgn2\_6/ptodata/1/ina/5C.COMB.seq:\*\n4: /cgn2\_6/ptodata/1/ina/5D.COMB.seq:\*\n5: /cgn2\_6/ptodata/1/ina/PTUS9.COMB.seq:\*\n6: /cgn2\_6/ptodata/1/ina/Backfiles1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1.	21	100.0	1920	3	US-08-746-789A-1	Sequence 1, Appl 1
2	16.2	77.1	165	3	US-08-456-647B-1	Sequence 1, Appl 1
3	16.2	77.1	165	3	US-08-237-401A-1	Sequence 1, Appl 1
4	15.2	72.4	10763	2	US-08-761-258-1	Sequence 1, Appl 1
5	15.2	72.4	1320	3	US-08-461-775-8	Sequence 8, Appl 1
6	15.2	72.4	2167	3	US-08-461-775-9	Sequence 9, Appl 1
7	15.2	72.4	1620	3	US-08-461-775-10	Sequence 10, Appl 1
8	15.2	72.4	2668	3	US-08-461-775-11	Sequence 11, Appl 1
9	15.2	72.4	10763	4	US-08-977-306-1	Sequence 11, Appl 1
10	14.8	70.5	2896	2	US-08-441-430-31	Sequence 31, Appl 1
11	14.8	70.5	2895	2	US-08-441-430-32	Sequence 32, Appl 1
12	14.8	70.5	1801	2	US-08-557-917A-1	Sequence 1, Appl 1
13	14.8	70.5	6831	4	US-08-609-049A-27	Sequence 27, Appl 1
14	14.6	69.5	4181	1	US-07-670-611-1	Sequence 1, Appl 1
15	14.6	69.5	206	1	US-07-670-611-12	Sequence 12, Appl 1
16	14.6	69.5	37	1	US-08-303-004-6	Sequence 6, Appl 1
17	14.6	69.5	4181	1	US-08-220-674-1	Sequence 1, Appl 1
18	14.6	69.5	206	1	US-08-220-674-12	Sequence 12, Appl 1
19	14.6	69.5	4181	1	US-08-445-186-1	Sequence 1, Appl 1
20	14.6	69.5	206	1	US-08-445-186-12	Sequence 12, Appl 1
21	14.6	69.5	31571	1	US-08-323-443B-1	Sequence 1, Appl 1
22	14.6	69.5	4181	2	US-08-446-549-1	Sequence 1, Appl 1
23	14.6	69.5	206	2	US-08-446-549-12	Sequence 12, Appl 1
24	14.6	69.5	3475	2	US-07-960-389-1	Sequence 1, Appl 1
25	14.6	69.5	4181	3	US-08-446-550-1	Sequence 1, Appl 1
26	14.6	69.5	206	3	US-08-446-550-12	Sequence 12, Appl 1
27	14.6	69.5	3132	3	US-08-224-482-3	Sequence 3, Appl 1
28	14.6	69.5	28804	3	US-08-592-874-1	Sequence 1, Appl 1
29	14.6	69.5	1245	3	US-08-750-524-2	Sequence 2, Appl 1
30	14.6	69.5	2259	4	US-08-845-998-3	Sequence 3, Appl 1
31	14.6	69.5	1154	4	US-09-016-366A-16	Sequence 16, Appl 1
32	14.6	69.5	1137	4	US-09-016-366A-18	Sequence 18, Appl 1
33	14.6	69.5	1128	4	US-09-016-366A-20	Sequence 20, Appl 1
34	14.6	69.5	1081	4	US-09-016-366A-22	Sequence 22, Appl 1
35	14.6	69.5	5434	4	US-08-841-349-1	Sequence 1, Appl 1
36	14.4	68.6	1450	1	US-07-923-692C-5	Sequence 5, Appl 1
37	14.4	68.6	4276	1	US-07-973-324A-3	Sequence 3, Appl 1

38	14.4	68.6	1450	1	US-08-184-237-5	Sequence 5, Appl 1
39	14.4	68.6	4276	2	US-08-343-380-3	Sequence 3, Appl 1
40	14.4	68.6	1450	3	US-08-482-920-5	Sequence 5, Appl 1
41	14.4	68.6	1398	4	US-08-896-320-2	Sequence 2, Appl 1
42	14.2	67.6	2693	1	US-07-872-644-50	Sequence 50, Appl 1
43	14.2	67.6	10627	1	US-08-060-925A-12	Sequence 12, Appl 1
44	14.2	67.6	2943	1	US-08-042-747A-7	Sequence 7, Appl 1
45	14.2	67.6	1536	1	US-08-114-695A-7	Sequence 7, Appl 1

## ALIGNMENTS

```
RESULT 1
; Sequence 1, Application US/08746789A
; Patent No. 5789200
; GENERAL INFORMATION:
; APPLICANT: Ismail Kola, Martin J. Tyms, Christine Debouck
; TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Smithline Beecham Corporation
; STREET: 709 Swedeland Road, P.O. Box 1539
; CITY: King of Prussia
; STATE: PA
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: MICROSOFT WORD
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/746,789A
; FILING DATE: No. 5789200el 15, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: William T. Han
; REGISTRATION NUMBER: 34,344
; REFERENCE/DOCKET NUMBER: ATG 50024
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610 270 5219
; TELEFAX: 610 270 4026
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1920
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: No
; US-08-746-789A-1

Query Match 100.0%; Score 21; DB 3; Length 1920;
Best Local Similarity 100.0%; Pred. No. 0.24;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CCGGACATCCTCATCCACC 21
DB 951 CCGGACATCCTCATCCACC 971

RESULT 2
US-08-456-647B-1/c
; Sequence 1, Application US/08456647B
; Patent No. 5811516
; GENERAL INFORMATION:
; APPLICANT: Lemke Ph.D. et al., Greg E.
; TITLE OF INVENTION: PROTEIN-TYROSINE KINASE GENES
```

NUMBER OF SEQUENCES: 54  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 4225 Executive Square, Suite 1400  
CITY: La Jolla  
STATE: CA  
COUNTRY: US  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/456,647B  
FILING DATE: 02-JUN-1995  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/237,401  
FILING DATE: 02-MAY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/884,486  
FILING DATE: 15-MAY-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Wetherell Ph.D., John R.  
REGISTRATION NUMBER: 31,678  
REFERENCE/DOCKET NUMBER: 07251/007002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 678-5070  
TELEFAX: (619) 678-5099  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 165 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
IMMEDIATE SOURCE:  
CLONE: tyro-1  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..165  
US-08-456-647B-1

Query Match 77.1%; Score 16.2; DB 3; Length 165;  
Best Local Similarity 85.7%; Pred. No. 27;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCATCCACCC 21  
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Db 76 CCGGATCATCTCAAGCACCC 56

RESULT 3  
US-08-237-401A-1/c  
Sequence 1, Application US/08237401A  
Patent No. 583748  
GENERAL INFORMATION:  
APPLICANT: Lemke Ph.D. et al., Greg E.  
TITLE OF INVENTION: PROTEIN-TYROSINE KINASE GENES  
NUMBER OF SEQUENCES: 54  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 4225 Executive Square, Suite 1400  
CITY: La Jolla  
STATE: CA  
COUNTRY: US  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/237,401A  
FILING DATE: 02-MAY-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/884,486  
FILING DATE: 15-MAY-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Halle Ph.D., Lisa A.  
REGISTRATION NUMBER: 38,347  
REFERENCE/DOCKET NUMBER: 07251/007001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 678-5070  
TELEFAX: (619) 678-5099  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 165 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
IMMEDIATE SOURCE:  
CLONE: tyro-1  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..165  
US-08-237-401A-1

Query Match 77.1%; Score 16.2; DB 3; Length 165;  
Best Local Similarity 85.7%; Pred. No. 27;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCATCCACCC 21  
|||||  
Db 76 CCGGATCATCTCAAGCACCC 56

RESULT 4  
US-08-761-258-1  
Sequence 1, Application US/08761258  
Patent No. 5756087  
GENERAL INFORMATION:  
APPLICANT: Ligon, James M.  
APPLICANT: Hill, Dwight S.  
APPLICANT: Lam, Stephen T.  
APPLICANT: Gaffney, Thomas D.  
APPLICANT: Torkewitz, Nancy  
TITLE OF INVENTION: Genetically Modified Pseudomonas Strains  
TITLE OF INVENTION: with Enhanced Biocontrol Activity  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Ciba-Geigy Corporation  
STREET: 520 White Plains Road, P.O. Box 2005  
CITY: Tarrytown  
STATE: NY  
COUNTRY: USA  
ZIP: 10591  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/761,258  
FILING DATE:  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Meigs, J. Timothy  
REGISTRATION NUMBER: 38,241  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (919) 541-8587



STATE: Virginia  
COUNTRY: United States  
ZIP: 22313-1404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/461,775  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/050,313  
FILING DATE: 10-MAY-1993  
APPLICATION NUMBER: FR 9011186  
FILING DATE: 10-SEP-1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Crane-Feury, Sharon E  
REGISTRATION NUMBER: 36,113  
REFERENCE/DOCKET NUMBER: 010830-035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 836-6620  
TELEFAX: (703) 836-2021  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2167 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-461-775-9

Query Match 72.4%; Score 15.2; DB 3; Length 2167;  
Best local Similarity 85.0%; Pred. No. 90;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGGACATCCTCATCCACC 20  
DB 1493 CCGGTACATCTGATCCACC 1512

RESULT 7  
US-08-461-775-10  
Sequence 10, Application US/08461775  
Patent No. 5858773  
GENERAL INFORMATION:  
APPLICANT: MAZODIER, Philippe  
APPLICANT: GUGLIEMI, Gerard  
TITLE OF INVENTION: REGULATORY NUCLEOTIDE SEQUENCE OF THE  
INITIATION OF TRANSCRIPTION  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Burns, Doane, Swecker & Mathis  
STREET: George Mason Bldg., Washington & Prince Sts.  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: United States  
ZIP: 22313-1404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/461,775  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/050,313  
FILING DATE: 10-MAY-1993  
APPLICATION NUMBER: FR 9011186

FILING DATE: 10-SEP-1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Crane-Feury, Sharon E  
REGISTRATION NUMBER: 36,113  
REFERENCE/DOCKET NUMBER: 010830-035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 836-6620  
TELEFAX: (703) 836-2021  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1620 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..1620  
US-08-461-775-10

Query Match 72.4%; Score 15.2; DB 3; Length 1620;  
Best local Similarity 85.0%; Pred. No. 88;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGGACATCCTCATCCACC 20  
DB 645 CCGGTACATCTGATCCACC 664

RESULT 8  
US-08-461-775-11  
Sequence 11, Application US/08461775  
Patent No. 5858773  
GENERAL INFORMATION:  
APPLICANT: MAZODIER, Philippe  
APPLICANT: GUGLIEMI, Gerard  
TITLE OF INVENTION: REGULATORY NUCLEOTIDE SEQUENCE OF THE  
INITIATION OF TRANSCRIPTION  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Burns, Doane, Swecker & Mathis  
STREET: George Mason Bldg., Washington & Prince Sts.  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: United States  
ZIP: 22313-1404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/461,775  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/050,313  
FILING DATE: 10-MAY-1993  
APPLICATION NUMBER: FR 9011186  
FILING DATE: 10-SEP-1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Crane-Feury, Sharon E  
REGISTRATION NUMBER: 36,113  
REFERENCE/DOCKET NUMBER: 010830-035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 836-6620  
TELEFAX: (703) 836-2021  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2668 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-461-775-11

Query Match 72.4%; Score 15.2; DB 3; Length 2668;  
Best Local Similarity 85.0%; Pred. No. 91;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1 CCGGACATCCTCATCCACC 20  
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Db 1493 CCGGACATCCTCATCCACC 1512

RESULT 9  
US-08-977-306-1  
Sequence 1, Application US/08977306  
Patent No. 5955348

GENERAL INFORMATION:  
APPLICANT: Ligon, James M.  
APPLICANT: Hill, Dwight S.  
APPLICANT: Gaffney, Thomas D.  
APPLICANT: Torkewitz, Nancy  
APPLICANT: Stafford, Jill M.  
TITLE OF INVENTION: Genetically Modified Pseudomonas Strains  
TITLE OF INVENTION: With Enhanced Biocontrol Activity  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: No. 5955348artis Corporation  
STREET: 3054 Cornwallis Road  
CITY: Research Triangle Park  
STATE: NC  
COUNTRY: USA  
ZIP: 27709

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/977,306  
FILING DATE:

CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Meigs, J. Timothy  
REGISTRATION NUMBER: 38,241  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (919) 541-8587  
TELEFAX: (919) 541-8689  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10763 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Pseudomonas fluorescens  
STRAIN: CGA267356 (aka MCG134 and aka BU915)  
IMMEDIATE SOURCE:  
CLONE: Plasmid pE11  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 210..1688  
OTHER INFORMATION: /product= "methyltransferase"  
OTHER INFORMATION: /note= "Coding sequence for methyltransferase has homology to  
OTHER INFORMATION: the cher and trzF genes from E. coli and Myxococcus xanthus,  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1906..3633

OTHER INFORMATION: /product= "sensor kinase"  
OTHER INFORMATION: /note= "Coding sequence for sensor kinase has homology to  
OTHER INFORMATION: rcsC, trzE, and bvgS genes of E. coli, M. xanthus, and  
OTHER INFORMATION: Bordetella pertussis, respectively."  
FEATURE:  
NAME/KEY: misc\_RNA  
LOCATION: complement (4616..4691)  
OTHER INFORMATION: /product= "tRNA"  
OTHER INFORMATION: /note= "(complementary DNA strand) Homology to glyW from E  
OTHER INFORMATION: coli."  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: complement (4731..5318)  
OTHER INFORMATION: /product=  
OTHER INFORMATION: "CDP-diacylglycerol-3-phosphate-3-phosph  
OTHER INFORMATION: atidytrans."  
OTHER INFORMATION: /note= "Coding sequence for  
OTHER INFORMATION: CDP-diacylglycerol-3-phosphate-3-phosphatidytran  
OTHER INFORMATION: se has homology to pgsA."  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: complement (5574..7397)  
OTHER INFORMATION: /product= "UVR exonuclease subunit  
OTHER INFORMATION: C"  
OTHER INFORMATION: /note= "Coding sequence for UVR exonuclease subunit C has  
OTHER INFORMATION: homology to uvrC."  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: complement (7400..8041)  
OTHER INFORMATION: /function= "response  
OTHER INFORMATION: regulator/transcription activator"  
OTHER INFORMATION: /product= "gaca (aka gafA)"  
OTHER INFORMATION: /note= "Coding sequence for gaca (aka gafA) has homology to  
OTHER INFORMATION: uvri and gaca genes of E. coli and Ps. fluorescens,  
OTHER INFORMATION: respectively."  
US-08-977-306-1

Query Match 72.4%; Score 15.2; DB 4; Length 10763;  
Best Local Similarity 85.0%; Pred. No. 1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1 CCGGACATCCTCATCCACC 20  
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Db 6422 CCGGGAATCCTCATGCACC 6441

RESULT 10  
US-08-441-430-31/C  
Sequence 31, Application US/08441430  
Patent No. 5681942

GENERAL INFORMATION:  
APPLICANT: Buchwald, Manuel  
APPLICANT: Strathdee, Craig A.  
APPLICANT: Wevrick, Rachel  
APPLICANT: Mathew, Christopher George Porter  
TITLE OF INVENTION: Fanconi Anemia Type C Gene  
NUMBER OF SEQUENCES: 73  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Richard J. Polley, Esq.  
ADDRESSEE: Klarquist, Sparkman, Campbell, Leigh &  
ADDRESSEE: Whinston, LLP  
STREET: 121 S.W. Salmon, Suite 1600  
CITY: Portland  
STATE: Oregon  
COUNTRY: U.S.A.  
ZIP: 97204

COMPUTER READABLE FORM:  
MEDIUM TYPE: Disk, 3+1/2-inch  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordperfect 5.1/ASCII Text File  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/441,430  
FILING DATE: May 15, 1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: U.S. 07/876,285  
FILING DATE: April 29, 1992  
APPLICATION NUMBER: U.S. 07/918,313  
FILING DATE: July 21, 1992  
APPLICATION NUMBER: U.S. 08/003,963  
FILING DATE: January 15, 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Richard J. Polley, Esq.  
REGISTRATION NUMBER: 28,107  
REFERENCE/DOCKET NUMBER: 3812-42824  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (503) 226-7391  
TELEFAX: (503) 228-9446  
INFORMATION FOR SEQ ID NO: 31:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2896 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Double stranded  
TOPOLOGY: Linear  
MOLECULE TYPE: cDNA to mRNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Mouse  
US-08-441-430-31

Query Match 70.5%; Score 14.8; DB 2; Length 2896;  
Best Local Similarity 88.9%; Pred. No. 1.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 CGGACATCCCTCATCCAC 19  
DB 2316 CGGTACAGCCTCATCCAC 2299

RESULT 11  
US-08-441-430-32/C  
Sequence 32: Application US/08441430  
Patent No. 5681942  
GENERAL INFORMATION:  
APPLICANT: Buchwald, Manuel  
APPLICANT: Strathdee, Craig A.  
APPLICANT: Wevrick, Rachel  
APPLICANT: Mathew, Christopher George Porter  
TITLE OF INVENTION: Fanconi Anemia Type C Gene  
NUMBER OF SEQUENCES: 73  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Richard J. Polley, Esq.  
ADDRESSEE: Klargust, Sparkman, Campbell, Leigh &  
ADDRESSEE: Winston, LLP  
STREET: 121 S.W. Salmon, Suite 1600  
CITY: Portland  
STATE: Oregon  
COUNTRY: U.S.A.  
ZIP: 97204  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Disk, 3+1-inch  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: MS DOS  
SOFTWARE: WordPerfect 5.1/ASCII Text File  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/441,430  
FILING DATE: May 15, 1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: U.S. 07/876,285  
FILING DATE: April 29, 1992  
APPLICATION NUMBER: U.S. 07/918,313

FILING DATE: July 21, 1992  
APPLICATION NUMBER: U.S. 08/003,963  
FILING DATE: January 15, 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Richard J. Polley, Esq.  
REGISTRATION NUMBER: 28,107  
REFERENCE/DOCKET NUMBER: 3812-42824  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (503) 226-7391  
TELEFAX: (503) 228-9446  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2995 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Double stranded  
TOPOLOGY: Linear  
MOLECULE TYPE: cDNA to mRNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Mouse  
US-08-441-430-32

Query Match 70.5%; Score 14.8; DB 2; Length 2995;  
Best Local Similarity 88.9%; Pred. No. 1.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 CGGACATCCCTCATCCAC 19  
DB 2415 CGGTACAGCCTCATCCAC 2398

RESULT 12  
US-08-557-917A-1  
Sequence 1: Application US/08557917A  
Patent No. 5756300  
GENERAL INFORMATION:  
APPLICANT: Bronstein, Jeff M.  
APPLICANT: Seitz, Robert S.  
APPLICANT: Iallone, Roger L.  
TITLE OF INVENTION: Oligonucleotide-specific Protein and Method for  
Diagnosing and Treating Disease  
NUMBER OF SEQUENCES: 3  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sheldon & Max  
STREET: 225 S. Lake Avenue, 9th Floor  
CITY: Pasadena  
STATE: California  
ZIP: 91101  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 MB storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows version 3.11  
SOFTWARE: WordPerfect for Windows version 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/557,917A  
FILING DATE: 14-NOVEMBER-1995  
CLASSIFICATION: 436  
ATTORNEY/AGENT INFORMATION:  
NAME: Farah, David A.  
REGISTRATION NUMBER: 38,134  
REFERENCE/DOCKET NUMBER: 11201  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (818)796-4000  
TELEFAX: (818)795-6321  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1801 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA to mRNA



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: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/07/670,611
: FILING DATE: 19910313
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Kagan, Sarah A.
: REGISTRATION NUMBER: 32,141
: REFERENCE/DOCKET NUMBER: 1107,33981
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 202-508-9100
: INFORMATION FOR SEQ ID NO: 12:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 206 base pairs
: TYPE: NUCLEIC ACID
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: HYPOTHETICAL: NO
: ANTI-SENSE: NO
: ORIGINAL SOURCE:
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: CDS
: LOCATION: 32..172
: FEATURE:
: NAME/KEY: exon
: LOCATION: 32..174
: US-07-670-611-12

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Query Match          69.5%; Score 14.6; DB 1; Length 206;
Best Local Similarity 81.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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OY 1 CCGGACATCCTCATCCACC 21
    11111111111111111111
Db 74 CCTGGACATCCTCATGCTCTC 54

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Search completed: November 2, 1999, 04:12:54  
Job time: 2503 sec